

DELPHION

No active tr

Select CR

St

RESEARCH**PRODUCTS****INSIDE DELPHION**

Log Out

Work Files

Saved Searches

My Account

Search: Quick/Number Boolean Advanced Der

The Delphion Integrated ViewGet Now: ☒ PDF | [File History](#) | [Other choices](#)

Tools: Add to Work File: Create new Work File

View: INPADOC | Jump to: Top

Go to: Derwent

Email

Title: **JP11267665A2: DEPHOSPHORIZING DEVICE**Derwent Title: Dephosphorylation apparatus for sludge dehydration filtrate - includes storage unit with horizontal cross-section smaller than that of taper section, provided at lower side of reactor [[Derwent Record](#)]Country: **JP Japan**Kind: **A2 Document Laid open to Public inspection**Inventor: **TSUNEKAWA MASAO;
FUKASE TETSURO;
SHIBATA MASAHIDE;
ISHIZUKA SATOSHI;**Assignee: **KURITA WATER IND LTD**
[News, Profiles, Stocks and More about this company](#)Published / Filed: **1999-10-05 / 1998-03-20**Application Number: **JP1998000072315**IPC Code: Advanced: **C02F 1/58**;
Core: more...
IPC-7: **C02F 1//58**;Priority Number: **1998-03-20 JP1998000072315**

Abstract: PROBLEM TO BE SOLVED: To prevent sticking of magnesium ammonium phosphate(MAP) particles, in a state that they settled, since the MAP particles are sufficiently fluidized, even though the MAP particles grow to larger sizes.

SOLUTION: The reaction tower 1 forms a storage part 11 with a small diameter cylindrical shape at the lower part, and the upper side of the storage part 11 has a taper part 12 with the diameter enlarged toward the upper direction and the upper side of the taper part 12 is a large diameter part 13 with a large diameter. An introduction pipe 2 of raw water is connected to the taper part 12, and a feed tube 3 of magnesium salt solution such as MgCl₂ and a feed pipe 4 an alkali chemical such as NaOH, are connected to the lower part of the large diameter part 13. An inflow side of a circulation piping 5 is connected to the upper part of the reaction tower 1, and an outflow side of the circulation piping 5 is connected to the lower part of the storage part. An overflow dam 8 is provided on uppermost part of the reaction tower 1, and a takeout piping 9 for treated water is connected to the overflow dam 8.

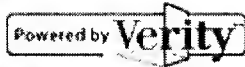
COPYRIGHT: (C)1999,JPO

Family: **None**Other Abstract [DERABS C1999-614403](#)

Info:



[Nominate this for the Gallery...](#)



Copyright © 1997-2006 The Tho

[Subscriptions](#) | [Web Seminars](#) | [Privacy](#) | [Terms & Conditions](#) | [Site Map](#) | [Contact U](#)